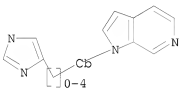
```
=> file caplus
FILE 'CAPLUS' ENTERED AT 12:47:45 ON 05 AUG 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)
```



```
FILE COVERS 1907 - 5 Aug 2008  VOL 149 ISS 6
FILE LAST UPDATED: 4 Aug 2008  (20080804/ED)

Caplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2008.

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/legal/infopolicy.html

=> d que
L1               STR
```

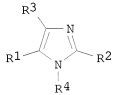



```
Structure attributes must be viewed using STN Express query preparation.
L3            1 SEA FILE=REGISTRY SSS FUL L1
L4            1 SEA FILE=CAPLUS L3


=> d l4 ibib abs hitstr

L4   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2008 ACS on STN
ACCESSION NUMBER:         2004:857557  CAPLUS
DOCUMENT NUMBER:          141:332193
TITLE:                    A preparation of imidazole derivatives, useful as
                          modulators of metabotropic glutamate receptor-5
                          (mGluR5)
INVENTOR(S):              Cosford, Nicholas D. P.; Huang, Dehua; Smith, Nicholas
                          D.; Hu, Essa Hsinyi
PATENT ASSIGNEE(S):       Merck & Co., Inc., USA
SOURCE:                   PCT Int. Appl., 51 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
```

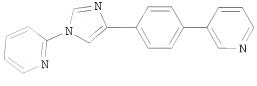
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004087653	A2	20041014	WO 2004-US9658	20040330
WO 2004087653	A3	20050324		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2004225887	A1	20041014	AU 2004-225887	20040330
CA 2520863	A1	20041014	CA 2004-2520863	20040330
EP 1613615	A2	20060111	EP 2004-749518	20040330
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK			
CN 1768055	A	20060503	CN 2004-80008683	20040330
JP 2006522128	T	20060928	JP 2006-509461	20040330
IN 2005DN04192	A	20070831	IN 2005-DN4192	20050916
US 20060217420	A1	20060928	US 2005-552107	20051003
PRIORITY APPLN. INFO.:			US 2003-460029P P	20030403
			WO 2004-US9658 W	20040330

OTHER SOURCE(S): MARPAT 141:332193
GI



I



II

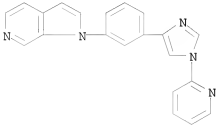
AB The invention relates to a preparation of imidazole derivs. of formula I [wherein: R1 and R2 are independently selected from halogen, alkyl, alkoxy, or N(alkyl)(alkyl), etc.; R3 is -alkyl-(hetero)aryl-cycloalkyl or -alkyl-C(O)-(hetero)aryl-cycloalkyl, etc.; R4 is -alkyl-(hetero)aryl-(hetero)cycloalkyl or -alkyl-[C(O)/S(O)]-(hetero)aryl-(hetero)cycloalkyl, etc.] as modulators of metabotropic glutamate receptor-5 (mGluR5), useful in the treatment of psychiatric and mood disorders such as, for example,

schizophrenia, anxiety, depression, bipolar disorders, and panic, as well as in the treatment of pain, Parkinson's disease, cognitive dysfunction, or epilepsy, etc. For instance, imidazole derivative II (mGluR5 inhibitory activity in calcium flux assay: IC50 < 10 μM) was prepared from 2-[4-(4-bromophenyl)-1H-imidazol-1-yl]pyridine and pyridine-3-boronic acid (example 1, no yield data).

IT 773893-63-3P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(preparation of imidazole derivs., useful as modulators of metabotropic glutamate receptor-5)

RN 773893-63-3 CAPLUS

CN 1H-Pyrrolo[2,3-c]pyridine, 1-[3-[1-(2-pyridinyl)-1H-imidazol-4-yl]phenyl]- (CA INDEX NAME)



=> => => file reg
FILE 'REGISTRY' ENTERED AT 13:34:07 ON 05 AUG 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2008 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 4 AUG 2008 HIGHEST RN 1038507-75-3
DICTIONARY FILE UPDATES: 4 AUG 2008 HIGHEST RN 1038507-75-3

New CAS Information Use Policies, enter HELP USAGETERMS for details.

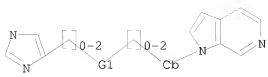
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=> d que
L1 STR



G1 C,S,N

Structure attributes must be viewed using STN Express query preparation.
L3 0 SEA FILE=REGISTRY SSS FUL L1

=>